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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Application No.: 10/051,268  
Filed: January 18, 2002  
Inventor(s):  
Sundeep Chandhoke, Nicolas  
Vazquez, David W Fuller and  
Christopher Cifra

Title: System and Method for  
Programmatically  
Generating a Graphical  
Program Based on a  
Sequence of Motion  
Control, Machine Vision,  
and Data Acquisition  
(DAQ) Operations

§ Examiner: Unknown  
§ Group/Art Unit: 2122  
§ Atty. Dkt. No: 5150-58300 Technology Center 2100  
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OCT 25 2002

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Washington, DC 20231, on the date indicated below.

Jeffrey C. Hood

Name of Registered Representative

Signature

10/21/2002

Date

#3  
S. Cifra  
1-1403

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Applicant requests consideration of ☐ the references listed on the attached Form PTO-1449 and/or ☐ the additional information identified below in paragraph 3. A copy of each of the references listed on the Form PTO-1449 were previously submitted to or cited by the U.S. Patent and Trademark Office in U.S. Application Serial No. 09/595,003, to which the captioned application is seeking priority under 35 U.S.C. §120. Copies of references not previously submitted are enclosed as A1-A11.

1. This Information Disclosure Statement is submitted:

- a. ☐ within 3 months of the filing date of a national application other than a continued prosecution application under § 1.53(d);  
☐ within 3 months of the date of entry of the national stage as set forth in § 1.491 in an International application;  
☒ before the mailing date of a first Office Action on the merits; or

- ☐ before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114.
- b. ☐ after the events of above paragraph 1a and prior to the mailing date of a final Office Action or Notice of Allowance, and thus: ☐ the certification of paragraph 2 below is provided, or ☐ a fee of \$180.00 is enclosed.
- c. ☐ after the mailing date of a final Office Action or a Notice of Allowance and prior to payment of the issue fee, and thus: the certification of paragraph 2 below is provided and a fee of \$180.00 is enclosed.
2. It is hereby certified:
- ☐ that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or
- ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in § 1.56 (c) more than three months prior to the filing of the Statement.
3. ☐ Consideration of the following additional information (including any co-pending or abandoned U.S. applications, prior uses and/or sales, etc.) is requested:
- 09/745,023    Filed December 20, 2000    (5150-44100)
4. For each non-English language reference listed on the attached Form PTO-1449:
- ☐ reference is made to an English language translation submitted herewith, and/or
- ☐ reference is made to a foreign patent office search report (in the English language) submitted herewith, and/or
- ☐ reference is made to an English language translation of a foreign patent office search report submitted herewith, and/or
- ☐ reference is made to the concise explanation contained in the specification of the present application at page(s) \_\_\_\_\_, and/or
- ☐ reference is made to the concise explanation set forth below:
5. ☐ Applicant also offers the following comments for the Examiner's consideration:


6. ☐ Also enclosed is a copy of a foreign search report citing these references.
7. ☐ The listed documents were brought to the attention of the Applicant(s) after payment of the issue fee in the captioned case. The documents were cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. Applicant(s) request this Information Disclosure Statement and attached Form PTO-1449 be placed in the file of the captioned application.
8. ☐ Applicant(s) request that the Information Disclosure Statement and attached Form PTO-1449 and references, which are being filed before the grant of the patent and pursuant to 37 C.F.R. § 1.97(i), be placed in the file of the captioned application.

**CHANGE OF ADDRESS**

The Patent Office is respectfully requested to direct all future correspondence for this case to the below-referenced address.

If any required fees are missing, the Commissioner is authorized to charge said fees to Conley, Rose & Tayon, P.C. Deposit Account No. 03-2769/5150-58300/JCH.

Respectfully submitted,



Jeffrey C. Hood  
Reg. No. 35,198  
Attorney for Applicant(s)

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P. O. BOX 398  
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(512) 476-1400

Date: 10/21/2002

**Form PTO-1449** (modified)

List of Patents and Publications  
For Applicant's Information  
Disclosure Statement  
(Use several sheets if necessary)

ATTY. DOCKET NO: 5150-58200

SERIAL NO: 10/051,442

**RECEIVED**

OCT 25 2002

Technology Center 2100

APPLICANT: Chandhoke et al.

FILING DATE: January 18, 2002

GROUP: 2173

**U.S. PATENT DOCUMENTS**

EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
		5,940,296	08/17/1999	Meyer			
		5,481,712	01/02/1996	Silver et al.			
		6,094,526	Withdrawn	Marrion et al.			
		5,911,070	06/08/99	Solton et al.			
	A12	US 2001/0020291 A1	09/06/2001	Kudukoli et al.			

**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

Optilab "Image Processing and Analysis Software for the Apple Macintosh <sup>TM</sup> II, User's Manual, dated 1990.

MacUser, John Rizzo, Image Analyst and Enhance, July 1990, pp. 55-58.

SPIE - The International Society for Optical Engineering, Steven Rosenthal and Larry Stahlberg, "Integrated Approach to Machine Vision Application Development", Volume 1386, November 8, 1990, pp. 158-162.

Automatix News Release, [www.applefritter.com/macclones/automatix/newsrelease](http://www.applefritter.com/macclones/automatix/newsrelease), "Vision for Process Feedback and Control, 07/03/2000, pp 1-3.

IPLab, Serious Image Processing for the Macintosh II, 1990.

SPIE - The International Society for Optical Engineering, Michael S. Mort and Robert J. Fontana, "Low Cost Image Analysis Workstation Which is Menu Driven and Extensible," Volume 1232, February 4, 1990, pp. 380-389.

IPLab<sup>TM</sup>, User's Guide, Signal Analytics Corporation, 1991.

MacGuide Magazine, Volume 2, Issue 4, Stuart Gitlow, M.D., "X-Ray Vision," June 1989, pp. 89-94.

Ric Ford, Optimage Processes Scientific Images, 1994.

Signal Analytics Corp., News Release, "Signal Analytics Brings Powerful Scientific Image Processing to the Macintosh II", February 1, 1990 (2 pgs.).

Advanced Imaging, Special Report: Imaging and the Macintosh/Robust Image Databases, April 1991, pp. 18-32.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

<b>Form PTO-1449</b> (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use separate sheets if necessary)	ATTY. DOCKET NO: 5150-58300	SERIAL NO: 10/051,268  <div style="text-align: center; border: 1px solid black; padding: 5px;"> <b>RECEIVED</b>  <b>OCT 25 2002</b> </div> Technology Center 2100
APPLICANT: Chandhoke et al.		
FILING DATE: January 18, 2002		GROUP: 2122
<b>OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>		
		IPLab, "Serious Scientific Image Processing for the Macintosh II", 1992 (4 pgs.).
		IPLab, "Gives You Unparalleled Value", 1992, (6 pgs.).
		Signal Analytics Corp., "IPLab Brings Affordable Scientific Image Processing to the Macintosh II", estimated 1990 (2 pgs.).
		Automatix Inc., "A Seminar on Machine Vision & Image Analysis", 1993, (46 pgs.).
		National Instruments, Measurement and Automation Catalogue, Interactive Vision Software, 1999, pp. 518-520.
		MacUser, "Ultimage and IPLab Spectrum", July 1991, (5 pgs.).
		"IMAQ Vision Builder Tutorial," National Instruments, January 1999.
	A1	SILMA Products – CimStation Robotics from Internet site "www.adept.com/Silma/products/pd-cimstationrobo.html," May 24, 2001, 4 pages.
	A2	SILMA Products – Production PILOT from Internet site "www.adept.com/Silma/products/pd-productionpilot.html," May 24, 2001, 4 pages.
	A3	Newtonium, RoboWorks from Internet site <a href="http://www.newtonium.com/public_html/Products/RoboWorks/RoboWorks.htm">www.newtonium.com/public_html/Products/RoboWorks/RoboWorks.htm</a> , March 30, 2002, 3 pages.
	A4	National Instruments "The Measurement and Automation Catalog 2002" pages 97 and 580-594.
	A5	Computer "Motion Builder Start-Up Guide& Tutorial" October 1996, 91 pages
	A6	Computer "Motion Architect User Guide, August 1994, 23 pages.
	A7	GE Fanuc Automation "Software Solutions" 2002, 8 pages.
	A8	GE Industrial Systems "CIMPLICITY Machine Edition – Motion Developer, Drawings, 12/6/2001, 4 pages.
	A9	GE Fanuc Automation "CIMPLICITY Machine Edition, ©2000, 4 pages.
	A10	Servo Catalogue "Motion Builder: Making Motion Control Programming Easy", undated, pages 86-87.
	A11	GE Industrial Systems "CIMPLICITY Machine Edition – Motion Developer, Product Information, 2002, 2 pages.
<b>EXAMINER:</b>		<b>DATE CONSIDERED:</b>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.		